

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/553, 614
Source: PCT
Date Processed by STIC: 10/28/2005

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 10/28/2005

PATENT APPLICATION: US/10/553,614

TIME: 09:15:33

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553614.raw

3 <110> APPLICANT: Hirai, Mitsuharu
 5 <120> TITLE OF INVENTION: METHOD OF DETECTING PANCREATIC ISLET AMYLOID PROTEIN MUTANT
 GENE AND
 6 NUCLEIC ACID PROBE AND KIT THEREFOR
 8 <130> FILE REFERENCE: TOYA114.009APC
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/553,614
 C--> 11 <141> CURRENT FILING DATE: 2005-10-18
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/005509
 14 <151> PRIOR FILING DATE: 2004-04-16
 16 <150> PRIOR APPLICATION NUMBER: JP 2003-114380
 17 <151> PRIOR FILING DATE: 2003-04-18
 19 <160> NUMBER OF SEQ ID NOS: 16
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 600
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Homo sapiens
 26 <220> FEATURE:
 27 <221> NAME/KEY: allele
 28 <222> LOCATION: 235
 30 <400> SEQUENCE: 1
 31 aatctcagcc atctaggtgt ttgcaaacca aaacactgag ttacttatgt gaaaattggt 60
 32 tcttttggtt tcatcaatac aagatatttg atgtcacatg gctggatcca gctaaaattc 120
 33 taaggctcta acttttcaca tttgttccat gttaccagtc atcaggtgga aaagcggaaa 180
 34 tgcaaacactg ccacatgtgc aacgcagcgc ctggcgaatt ttttagttca ttccggcaac 240
 35 aacttttggtg ccattctctc atctaccaac gtgggatcca atacgtatgg caagaggaat 300
 36 gcagtagagg ttttaaagag agagccactg aattacttgc ccctttagag gacaatgtaa 360
 37 ctctatagtt attgttttat gttctagtga tttcctgtat aatttaacag tgcccttttc 420
 38 atctccagtg tgaatatatg gtctgtgtgt ctgatgtttg ttgctaggac atataccttc 480
 39 tcaaaagatt gttttatatg tagtactaac taaggcccca taataaaaag atagtatctt 540
 40 ttaaaatgaa atgtttttgc tatagatttg tattttaaaa cataagaacg tcattttggg 600
 42 <210> SEQ ID NO: 2
 43 <211> LENGTH: 18
 44 <212> TYPE: DNA
 45 <213> ORGANISM: Artificial Sequence
 47 <220> FEATURE:
 48 <223> OTHER INFORMATION: primer
 50 <400> SEQUENCE: 2
 51 cacatgtgca acgcagcg 18
 53 <210> SEQ ID NO: 3
 54 <211> LENGTH: 24
 55 <212> TYPE: DNA
 56 <213> ORGANISM: Artificial Sequence
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: primer

RAW SEQUENCE LISTING

DATE: 10/28/2005

PATENT APPLICATION: US/10/553,614

TIME: 09:15:33

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553614.raw

```

61 <400> SEQUENCE: 3
62 ctcttgccat atgtattgga tccc                24
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 14
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: probe
72 <400> SEQUENCE: 4
73 cattccggca acaa                14
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 15
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: probe
83 <400> SEQUENCE: 5
84 cattccggca acaac                15
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 22
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: probe
94 <400> SEQUENCE: 6
95 cattccagca acaactttgg tg                22
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 22
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: probe
105 <400> SEQUENCE: 7
106 cattccggca acaactttgg tg                22
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 25
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: probe
116 <400> SEQUENCE: 8
117 caccaaagtt gttgctggaa tgaac                25
119 <210> SEQ ID NO: 9
120 <211> LENGTH: 22
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: probe
127 <400> SEQUENCE: 9

```

RAW SEQUENCE LISTING

DATE: 10/28/2005

PATENT APPLICATION: US/10/553,614

TIME: 09:15:33

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553614.raw

```

128 gaatggcacc aaagttgttg cc 22
130 <210> SEQ ID NO: 10
131 <211> LENGTH: 24
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: probe
138 <400> SEQUENCE: 10
139 ctggaatgaa ctaaaaaatt tgcc 24
141 <210> SEQ ID NO: 11
142 <211> LENGTH: 24
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: probe
149 <400> SEQUENCE: 11
150 ccggaatgaa ctaaaaaatt tgcc 24
152 <210> SEQ ID NO: 12
153 <211> LENGTH: 18
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: probe
160 <400> SEQUENCE: 12
161 caaagttggt gccggaat 18
163 <210> SEQ ID NO: 13
164 <211> LENGTH: 21
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: probe
171 <400> SEQUENCE: 13
172 caaagttggt gccggaatga a 21
174 <210> SEQ ID NO: 14
175 <211> LENGTH: 18
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: probe
182 <400> SEQUENCE: 14
183 caaagttggt gctggaat 18
185 <210> SEQ ID NO: 15
186 <211> LENGTH: 50
187 <212> TYPE: DNA
188 <213> ORGANISM: Homo sapiens
190 <400> SEQUENCE: 15
191 ggcaaatttt ttagttcatt ccagcaacaa ctttggtgcc attctctcat 50
193 <210> SEQ ID NO: 16
194 <211> LENGTH: 50

```

RAW SEQUENCE LISTING

DATE: 10/28/2005

PATENT APPLICATION: US/10/553,614

TIME: 09:15:33

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553614.raw

195 <212> TYPE: DNA

196 <213> ORGANISM: Homo sapiens

198 <400> SEQUENCE: 16

199 ggcaaatttt ttagttcatt ccggcaacaa ctttggtgcc attctctcat

50

VERIFICATION SUMMARY

DATE: 10/28/2005

PATENT APPLICATION: US/10/553,614

TIME: 09:15:34

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553614.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date